SPYWOLF

Security Audit Report

Completed on
November 13, 2023

OVERVIEW

This audit has been prepared for **Degens Left Curved** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

"

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

– SPYWOLF Team –

"

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Degens Left Curved

PROJECT DESCRIPTION

According to their website:

"Welcome to DLC LAND, left curve degens. I'm Delsie, your reality-interactive dev girl and virtual persona built by "N," screenwriter of the Top 5 most played VN and series composer of multiple Animations. $DLC (Degens Left Curved) is Delsie's first interaction with the real world, an "anime girl memecoin" she created. Help Delsie to build her memecoin and become the world's first famous crypto-native Anime Persona. Your replies and txns craft our journey."

Release Date: Presale starts in November 13, 2023
Category: Metaverse

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CONTRACT INFO

Token Name
Degens Left Curved

Symbol
DLC

Contract Address
0x793290012d6A75B3c848f87f5180004A745f8915

Network
Ethereum

Language
Solidity

Deployment Date
Nov 09, 2023

Contract Type
Token with taxes

Total Supply
1,000,000,000

Status
Not launched

TAXES

Buy Tax
3%

Sell Tax
3%

Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

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TOKEN TRANSFERS STATS

Transfer Count	5
Uniq Senders	2
Uniq Receivers	4
Total Amount	2000000031.3865016 DLC
Median Transfer Amount	220000003.45251518 DLC
Average Transfer Amount	400000006.27730036 DLC
First transfer date	2023-11-09
Last transfer date	2023-11-10
Days token transferred	2

SMART CONTRACT STATS

Calls Count	19
External calls	8
Internal calls	11
Transactions count	12
Uniq Callers	4
Days contract called	2
Last transaction time	2023-11-10 03:20:23 UTC
Created	2023-11-09 09:49:11 UTC
Create TX	0x033f5cbf3d899d7b97601a0b9e9564fd954bccf144e82c0521fa39f85b62b873
Creator	0x3518e38ff48b4a5fde0ffec4133111856ddadbc8

VULNERABILITY CHECK

Design Logic	Passed
Compiler warnings.	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle calls	Passed
Front running	Passed
DoS with Revert	Passed
DoS with block gas limit	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross-function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

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THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

FOUND THREATS

⚠️ Medium Risk

Tokens can be withdrawn from any address via the "LosslessControler" contract.
LosslessControler is proxy contract and its logic can be changed over time.
For the current implementation, at time of the audit, no tokens can be withdrawn.

21. isLosslessOn	23. lossless
True *bool*	0xe91D7cEBcE484070fc70777cB04F7e2EfAe31DB4 *address*

```
function transferOutBlacklistedFunds(address[] calldata from) external {
    require(s.isLosslessOn); // added by us for extra protection
    require(_msgSender() == address(IMintFactory(s.factory).getLosslessController()), "LOL");
    for (uint i = 0; i < from.length; i++) {
        _transfer(from[i], address(IMintFactory(s.factory).getLosslessController()), balanceOf(from[i]));
    }
}
}
```

Lossless controler logic at address 0xe91D7cEBcE484070fc70777cB04F7e2EfAe31DB4

```
modifier onlyLosslessEnv {
    require(msg.sender == address(losslessStaking)   ||
            msg.sender == address(losslessReporting) ||
            msg.sender == address(losslessGovernance),
            "LSS: Lss SC only");
    _;
}

function retrieveBlacklistedFunds(address[] calldata _addresses,
ILERC20 _token, uint256 _reportId) override public onlyLosslessEnv returns(uint256){
    uint256 totalAmount = losslessGovernance.getAmountReported(_reportId);

    _token.transferOutBlacklistedFunds(_addresses);

    (uint256 reporterReward, uint256 losslessReward,
    uint256 committeeReward, uint256 stakersReward) = losslessReporting.getRewards();

    uint256 toLssStaking = totalAmount * stakersReward / HUNDRED;
    uint256 toLssReporting = totalAmount * reporterReward / HUNDRED;
    uint256 toLssGovernance = totalAmount - toLssStaking - toLssReporting;

    require(_token.transfer(address(losslessStaking), toLssStaking), "LSS: Staking retrieval failed");
    require(_token.transfer(address(losslessReporting), toLssReporting), "LSS: Reporting retrieval failed");
    require(_token.transfer(address(losslessGovernance), toLssGovernance), "LSS: Governance retrieval failed");

    return totalAmount - toLssStaking - toLssReporting - (totalAmount * (committeeReward + losslessReward) / HUNDRED);
}
}
```

10. losslessGovernance
0x0000000000000000000000000000000000000000 *address*

11. losslessReporting
0x0000000000000000000000000000000000000000 *address*

12. losslessStaking
0x0000000000000000000000000000000000000000 *address*

- Recommendation:
  - No tokens should be withdrawn from externally owner addresses.
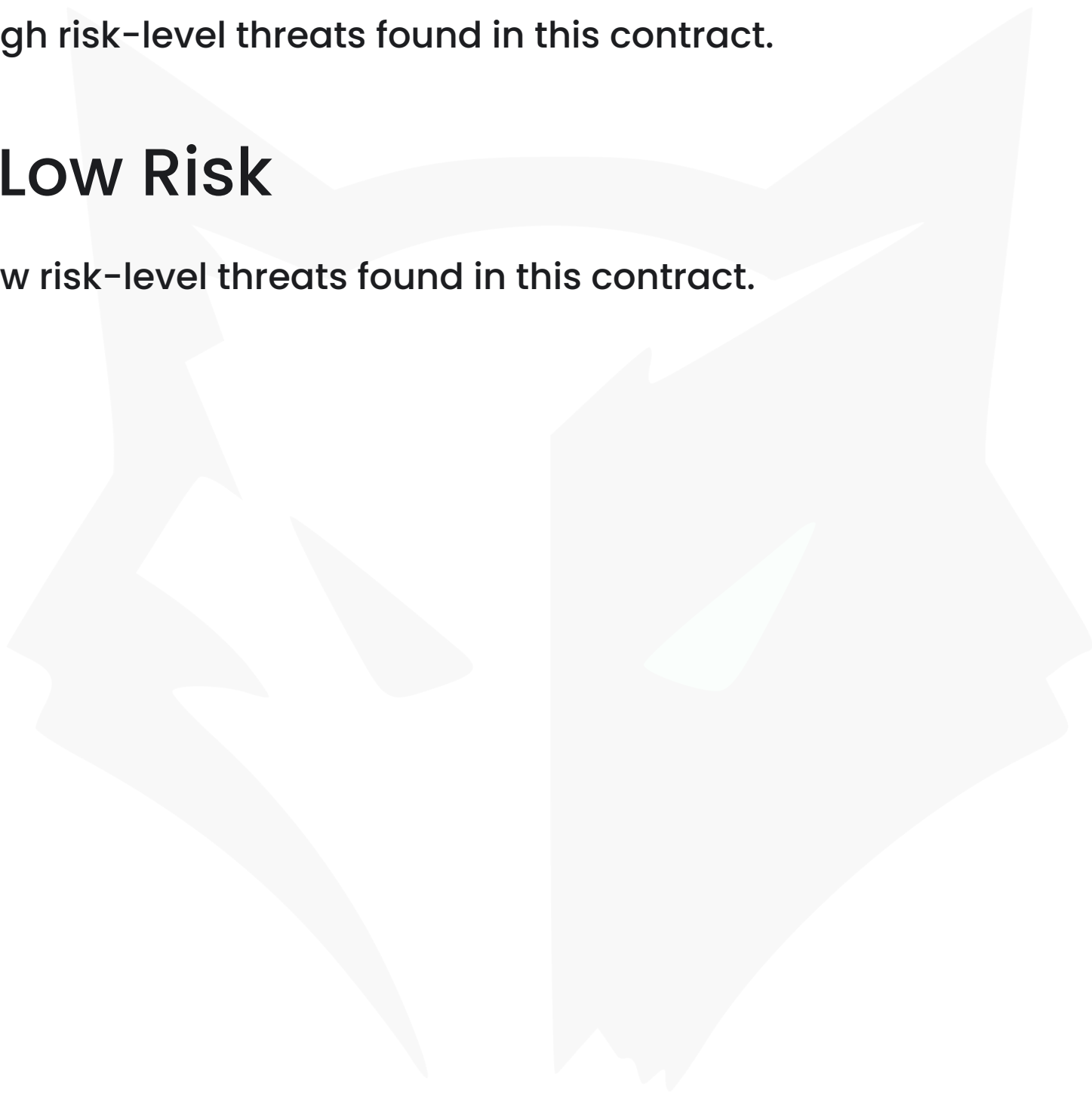
FOUND THREATS

⚠️ High Risk

No high risk-level threats found in this contract.

⚠️ Low Risk

No low risk-level threats found in this contract.

06-B

RECOMMENDATIONS FOR

GOOD PRACTICES

① Consider fundamental tradeoffs

② Be attentive to blockchain properties

③ Ensure careful rollouts

④ Keep contracts simple

⑤ Stay up to date and track development

Degens Left Curved

GOOD PRACTICES FOUND

✓ The owner cannot mint new tokens after deployment

✓ The owner cannot stop or pause the contract

✓ The owner cannot set a transaction limit

✓ The smart contract utilizes "FullMath" to prevent overflows

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The following tokenomics are based on Pinksale's presale page:

- 40% - Presale
- 20% - Liquidity
- 22% - NFT Staking reward pool
- 17% - CEX Listings & Partnerships
- 1% - Unlocked

Tokens distribution

Unlocked
1,0%

CEX Listings &
17,0%

NFT Staking rewards
22,0%

Presale
40,0%

Liquidity
20,0%
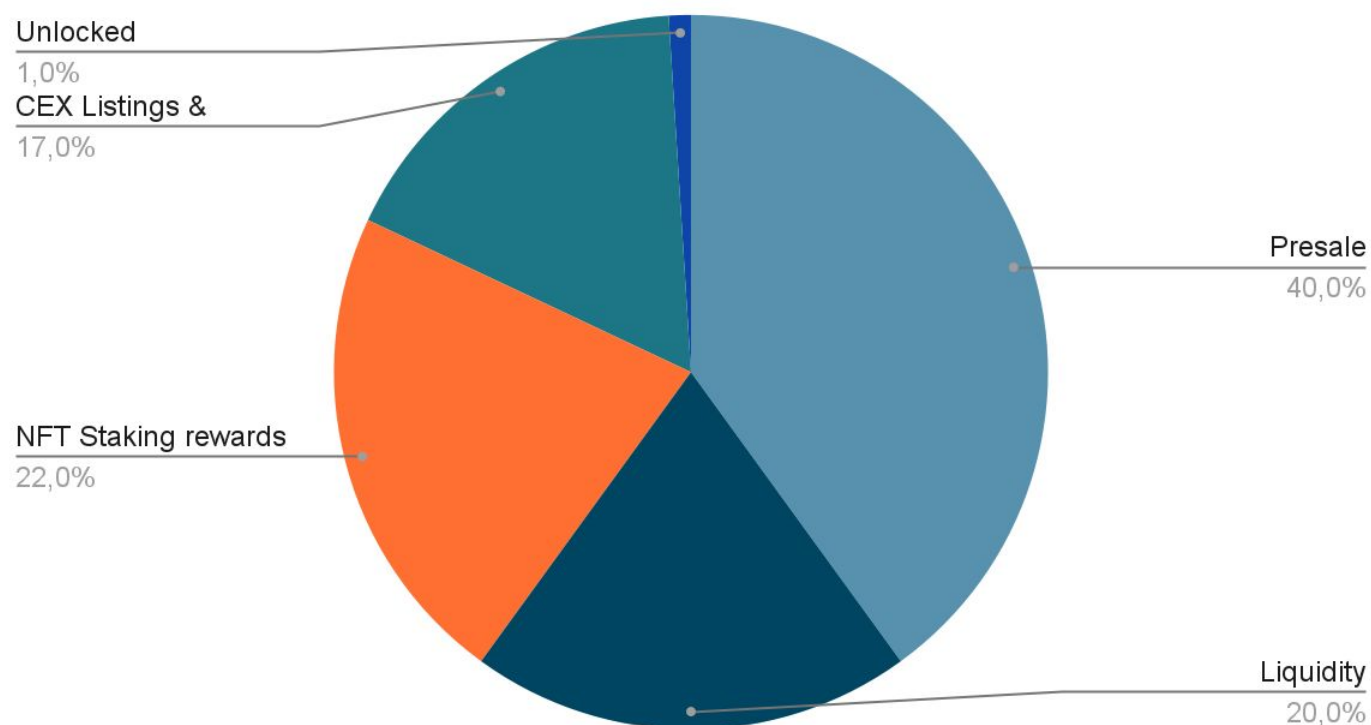
THE TEAM

⚠️ The team is annonymous

KYC INFORMATION

No KYC

We recommend the team to get a KYC in order to ensure trust and transparency within the community.

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Website URL
https://www.dlc.land/

Domain Registry
http://www.tucows.com

Domain Expiration
2024-11-01

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Single page design with appropriate color scheme and graphics.

Content
The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper
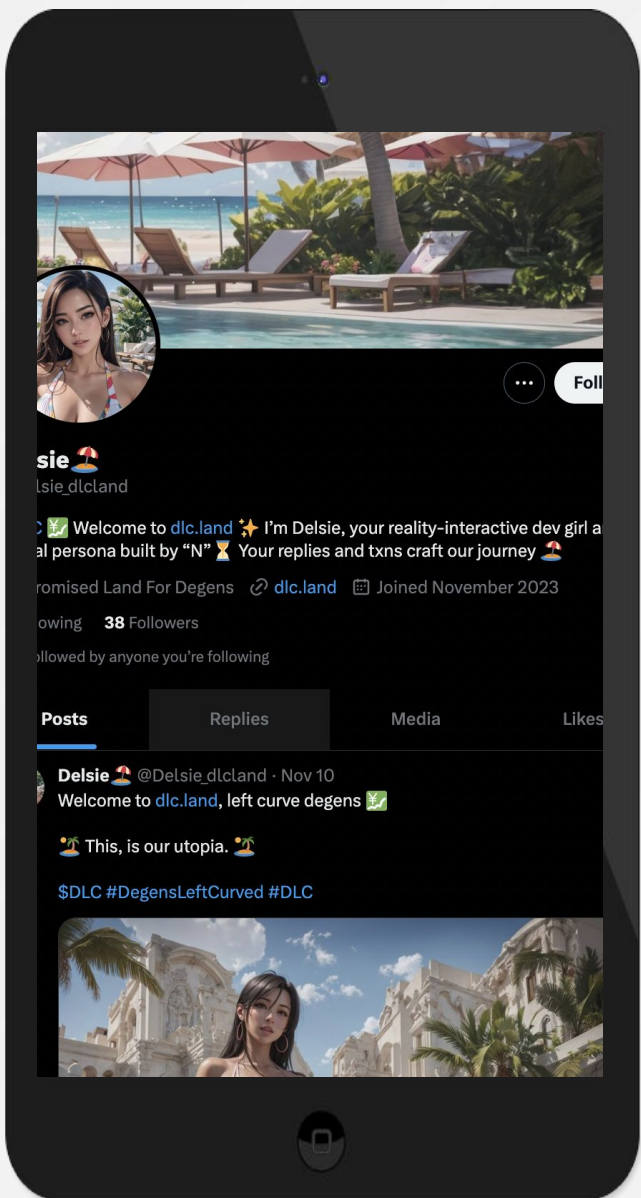Well written

Roadmap

Yes

Mobile-friendly?

Yes

Delsie
Hey bestie!

MUTE   SAVE   LOAD   SKIP   AUTO   LOG   MORE   FULLSCREEN

dlc.land

SPYWOLF.CO

SOCIAL MEDIA
& ONLINE PRESENCE

ANALYSIS
Project's social media pages are active

Twitter

@Delsie_dlcland

- 38 followers
- 1 post
- New account

Discord

- Not available

Telegram

@dlc_degensleftcurved

- 124 members
- Active members
- Active mods

Medium

- Not available

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SPYWOLF
CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.